

[54] **COMBINED ELECTRONIC CALCULATOR  
AND ELECTRONICALLY TUNING RADIO  
RECEIVER**[75] Inventors: **Shintaro Hashimoto, Ikoma; Junji Aoki; Hideo Yoshida**, both of Kashihara; **Shigenobu Yanagiuchi**, Tenri; **Kunio Yoshida**, Nara, all of Japan[73] Assignee: **Sharp Kabushiki Kaisha**, Osaka, Japan[21] Appl. No.: **75,841**[22] Filed: **Sep. 14, 1979**[30] **Foreign Application Priority Data**

Sep. 14, 1978 [JP] Japan ..... 53-113302

[51] Int. Cl.<sup>3</sup> ..... **G06F 15/02; H04B 1/06**[52] U.S. Cl. .... **364/705; 455/154; 455/158; 455/165; 455/344**[58] Field of Search ..... **364/705; 455/150, 154, 455/158, 165, 182, 183, 216, 260, 344**[56] **References Cited****U.S. PATENT DOCUMENTS**

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**ABSTRACT**

A new and effective combination is disclosed wherein both a calculator and an electronically tuning radio receiver are governed by common control circuitry and a microprocessor implements the major portion of the calculator and also implements or governs the electronically tuning radio receiver and a digital timekeeper. For example, it is possible for the operator to listen to a radio program of a desired frequency and continue operating the calculator whenever he likes, while the calculator is in use. If the radio receiver is provided with a time switch function, then it is possible to obtain on-time information and immediately execute calculations on the one-time information obtained, thus enhancing maneuverability.

**22 Claims, 32 Drawing Figures**